CLAIMS

1	1-14.	(canceled)	
1	15.	(previously presented) An integrated structure having a piezoelectronic device, the	
2	integrated structure comprising:		
3	a substrate having an cavity;		
4	a piezoelectric layer integral to the piezoelectronic device and supported on the substrate, such		
5	that the piezoelectric layer spans the cavity in the substrate to form a suspended membrane portion of the		
6	piezoelectric layer; and		
7	one or more conducting elements integral to the piezoelectronic device and mounted on the		
8	suspended membrane portion of the piezoelectric layer.		
1	16.	(previously presented) The device of claim 15, wherein the piezoelectronic device	
2	comprises a thin film resonator.		
1	17.	(previously presented) The device of claim 15, wherein the piezoelectronic device	
2	comprises a T-Cell building block.		
1	18.	(previously presented) The device of claim 15, wherein:	
2	the suspended membrane portion of the piezoelectric layer has an inner side facing towards the		
3	cavity in the substrate and an outer side facing away from the cavity in the substrate;		
4	at least one conducting element is mounted on the inner side of the suspended membrane portion		
5	of the piezoelectric layer; and		
6	at least one conducting element is mounted on the outer side of the suspended membrane portion		
7	of the piezoele	ctric layer.	
1	19.	(previously presented) The device of claim 15, further comprising one or more	
2	conducting leads running along the suspended membrane portion of the piezoelectric layer from one or		
3	more corresponding conducting elements towards an edge of the piezoelectric layer, wherein:		
4	the integrated structure is mounted in an edge-on fashion within a recess of a package having one		
ς	or more bonding leads mated to the one or more conducting leads of the niezoelectronic device.		

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1	20.	(previously presented) The device of claim 19, wherein each bonding lead of the	
2	package is mated to the corresponding conducting lead of the piezoelectronic device by a reflowed solder		
3	bump.		
1	21-:	25. (canceled)	
1	26.	(new) The device of claim 15, wherein the piezoelectric layer is in direct contact with the	
2	substrate on opposing sides of the cavity.		
1	27.	(new) The device of claim 15, wherein all support for the piezoelectric layer is provided	
2	directly by	directly by the substrate without any intervening structure.	
1	28.	(new) The device of claim 18, wherein the at least one conducting element mounted on	
2	the inner sic	mer side extends within the cavity beyond the surface of the inner side.	
1	29.	(new) The device of claim 18, wherein the at least one conducting element mounted on	
2	the inner side is not in direct contact with the substrate.		
1	30.	(new) The device of claim 29, wherein:	
2	the	the piezoelectric layer is in direct contact with the substrate on opposing sides of the cavity;	
3	all support for the piezoelectric layer is provided directly by the substrate without any intervening		
4	structure; and		
5	the	the at least one conducting element mounted on the inner side extends within the cavity beyond	

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the surface of the inner side.

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